



PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/767,247
Filing Date	January 28, 2004
First Named Inventor	Naoki Watanabe
Art Unit	2188
Examiner Name	Mano Padmanabhan
Attorney Docket Number	16869B-077300US

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form
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USPTO forms SB08A & B, copies of three cited references, Return Postcard |
|---|---|---|

Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Chun-Pok Leung		
Date	9-27-05	Reg. No.	41,405

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TOWNSEND and TOWNSEND and CREW LLP

By:

Roger Hyatt



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Naoki WATANABE

Application No.: 10/767,247

Filed: January 28, 2004

For: METHOD AND APPARATUS FOR
COPYING AND BACKUP IN
STORAGE SYSTEMS

Examiner: Mano Padmanabhan

Art Unit: 2188

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the cited non-patent references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

PATENT
Attorney Docket No.: 16869B-077300US
Client Reference No.: HAL 264

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

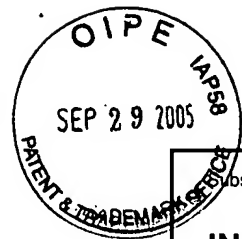
However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Chun-Pok Leung
Reg. No. 41,405

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RL:rnh
60595071 v1



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/767,247	
			Filing Date	January 28, 2004	
			First Named Inventor	Naoki Watanabe	
			Art Unit	2188	
			Examiner Name	Mano Padmanabhan	
Sheet	1	of	2	Attorney Docket Number	16869B-077300US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1	US 6,516,425	02-04-2003	Belhadj et al.	
	2	US 2002/0174295	11-21-2002	Ulrich et al.	
	3	US 2002/0059539	05-16-2002	Anderson	
	4	US 6,363,462	03-26-2002	Bergsten	
	5	US 6,327,679	12-04-2001	Russell	
	6	US 6,223,300	04-24-2001	Gotoh	
	7	US 5,815,650	09-29-1998	Apperley et al.	
	8	US 5,761,411	06-02-1998	Teague et al.	
	9	US 5,287,363	02-15-1994	Wolf et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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60595071 v1

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/767,247
				Filing Date	January 28, 2004
				First Named Inventor	Naoki Watanabe
				Art Unit	2188
				Examiner Name	Mano Padmanabhan
Sheet	2	of	2	Attorney Docket Number	16869B-077300US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	10	"Flash Copy," <u>Implementing ESS copy services on s/390 IBM Redbook</u> , chapter 4 IBM Corp. (2000).	
	11	"Hitachi Freedom Storage Software Solutions Guide," Hitachi Data Systems Corporation Santa Clara, CA (January 2003)	
	12	Patterson et al. "A Case for Redundant Arrays of Inexpensive Disks (RAID)," In Proceedings of the ACM SIGMOD International Conference on Management of Data (Chicago, IL). 109-116. (1988).	

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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